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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/908,951	07/19/2001	Masayuki Shinkai	791_157	1928
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BURR & BROWN			EXAMINER	
	PO BOX 7068 SYRACUSE, NY 13261-7068		SAVAGE, JASON L	
			ART UNIT	PAPER NUMBER
			1775	
			DATE MAILED: 10/02/2002	ζ

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicant(s) Applicant(s) Applicant(s) SHINKAL	- ¹¹	— ,	A.S.					
Examiner Jason I. Savage 1775 1		Application No.	Applicant(s)					
Jason L Savage 1775		09/908,951	SHINKAI					
- The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _f MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of term pays a varieties under the processors of 37 CPR 1.138(a). In no event, however, may a reply be timely filed to the processor of	Office Action Summary	Examiner	Art Unit					
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Estimators of from may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a raply be timely filed Estimators of from may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a raply be timely filed Estimators of from pay be available under the provisions of 37 CFR 1.35(a), in no event, however, may a raply be timely filed If the period for reply is available under the provisions of 37 CFR 1.35(a), in no event, however, may a raply be timely filed If the period for reply is available under the provisions of 37 CFR 1.35(a), and a raply event of the provision of the provision of the provision of the reality filed, and provision of the reality filed, and provision of CR1 and adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Queyle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-22 fisher pending in the application of allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Queyle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-22 fisher pending in the application of allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Queyle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-22 fisher pending in the application of allowance except for formal matters, prosecution is objected to. 8) Claim(s) 1-22 fisher pending in the application of a claim for foreign pending fisher pending fish		<u> </u>						
THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provision of 3°C FR. 136(a). In no event, however, may a reply be limely filed after SIX (6) MONTHS from his mailing date of this communication. It no provides the provision of the communication of the communication of the provision of the p	· ·	ears on the cover sheet with the c	correspondence address					
2a) This action is FINAL. 2b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-27 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-27 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b disapproved by the Examiner. If approved, corrected drawings are required file reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No.	 THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period we Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). 	36(a). In no event, however, may a reply be ting within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed rs will be considered timely. the mailing date of this communication. ED (35 U.S.C. § 133).					
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a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152)	application from the International Bureau (PCT Rule 17.2(a)).							
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1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152)								
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	Attachment(s)							
	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of Informal I						

Application/Control Number: 09908,951

Art Unit: 1775

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-9 are, drawn to an article, classified in class 428, subclass 621.
 - II. Claims 10-27, drawn to a method, classified in class 228, subclass 122.1.
- 2. The inventions are distinct, each from the other because of the following reasons: Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product can be produced by a materially different process such as by applicant an Au solder material onto the metallic layer and disposing a metal foil on a ceramic layer, contacting and pressing the Au solder with the metal foil and subjecting the composite to heat in order to bond the two components together instead of the claimed method of forming the Au solder on the metal foil, heating to form a bonding layer and subsequently contacting the bonding layer with the metallic layer and subjecting the composite to heat and pressure.
- 3. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.
- 4. A telephone call was made to Stephen Burr on 10-01-02 to request an oral election to the above restriction requirement, but did not result in an election being made.

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Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

5. Any inquiry to this communication or earlier communications from the Examiner should be directed to Jason Savage, whose telephone number is (703)305-0549. The Examiner can normally be reached Monday to Friday from 6:30 AM to 4:00 PM.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Deborah Jones, can be reached on (703)308-3822.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703)308-2351.

Jason Savage

10-01-02

OHN J. ZIMMERMAN PRIMARY EXAMINER Page 3